

## Web Security Appliances

### SG400 Series

Optimized Port 80 Security Appliances for distributed enterprise deployments



Today, remote offices and branch offices (ROBO) require the same level of Internet security and content control as headquarter and data center locations. These remote sites, left unprotected, represent a “back-door” entrance for Web-based viruses, inappropriate content and malicious mobile code into the organization.

Blue Coat Systems SG400 Series appliances are specifically designed to increase security and reduce costs associated with regional and branch office Web protection. Delivered as a rack mountable or desktop device, the SG400 platform easily “drops-in” to remote environments where technical support staff is not always available. With powerful centralized management and granular policy capabilities, the SG400 reduces administration costs, improves network performance and increases security for distributed government, corporate and educational organizations.

#### Introducing the SG400 Series Port 80 Security Appliance:

- Hardened appliance specifically designed to protect remote branch offices from Web-based threats
- Increases security by providing proxy caching, URL filtering, Web virus scanning, bandwidth management and malicious code protection at distributed locations
- Improves network performance through intelligent caching of Web content, managing rich media traffic, and pre-populating large files at the branch office
- Secures branch offices with direct Internet connection or backhaul (private lines) connections to corporate headquarters
- Simple installation and remote management eliminates the need to have IT staff travel to remote/branch offices

Contact Blue Coat Systems

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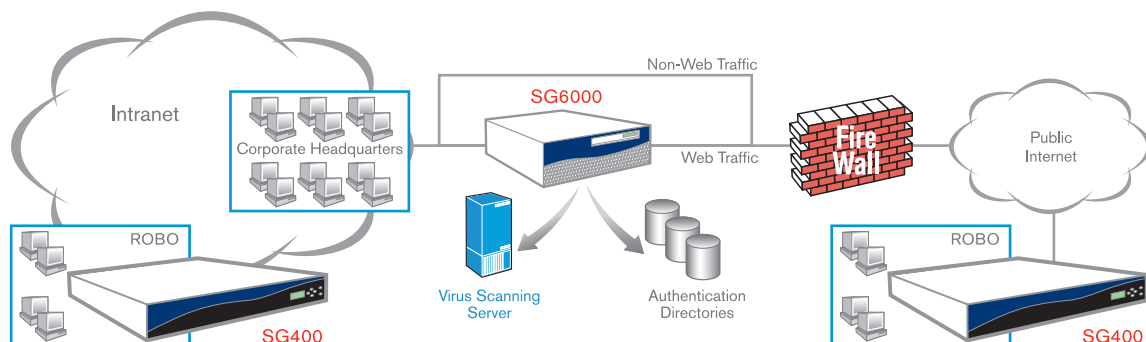
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## SG400 Series



*Blue Coat Systems SG400 appliances provide cost effective Web security for remote locations enabling granular Web policies to be implemented uniformly across the organization*

## Overview

### Extending Security and Control to the Network Edge

Companies with remote offices have the dual challenge of ensuring Web security at the corporate office and at remote “edge” offices. The Blue Coat SG400 Series solution places the power of Web content security and control at the remote office, providing network administrators with a complete Web security solution from the corporate office down to the smallest remote location.

Blue Coat Web Security Appliances offer a powerful platform for managing access to intranet and Internet data. Whether remote office traffic is backhauled to larger offices over private facilities, or sent via the Internet directly, the SG400 Series ensures the traffic is secured and managed. It is the ideal solution for managing users of applications such as Web browsing, instant messenger, personal Web-based email (such as Yahoo! and HotMail) streaming media content and Web-based applications. The use of these Web applications at ROBO locations can expose the organization to new security threats from Web viruses, malicious mobile code and inappropriate content – all of which use HTTP Port 80 as an “open door” into the network. Additionally, the SG400 enables administrators to control downloads of files and applications, such as MP3’s or “.exe” files, to user desktops at remote locations.

Based on the award-winning, Security Gateway operating system (SGOS), the SG400 Series is optimized for Web security functions including content filtering, proxy caching, Web virus scanning, and bandwidth management while providing end users with improved network responsiveness. The SG400 works with existing firewalls and networking gear to reduce the complexity, cost, and administration needed for comprehensive Web security.

## Regional & Branch Office Applications

### Content Filtering

Integrated URL filtering enables IT staff to improve productivity and reduce legal liability by preventing users from accessing inappropriate content at remote/branch office locations. Manage, restrict and log access to Web content by user, group, or subnet through integrated, subscription-based solutions from Secure Computing and Websense.

### Proxy Server

Scalable, easy-to deploy appliance reduces administrative and management costs associated with remote deployment of software-based proxy servers.

### Caching

Improve performance at ROBO offices by storing and serving Web and rich media content closer to users.

### Bandwidth Management

Provides the bandwidth management and controls needed to keep remote offices running optimally and ensure WAN resources are available for remote user access to mission-critical applications.

### Instant Messaging Traffic Control

Offers IT administrators the ability to implement granular access control, centralized management, and comprehensive logging of AOL, MSN and Yahoo! IM applications for users at corporate and ROBO offices.

### Content Security

Parses inbound Web content and strips out malicious mobile code and harmful active content invisible to other edge security devices. Enables administrators to control outbound posting of intellectual property and confidential information to the Web.

### Web Virus Scanning

“Scan once, serve many” model allows real-time scanning and scalability for the remote office with existing virus server solutions from Symantec and Trend Micro. Integrated ICAP (Internet Content Adaptation Protocol) support allows for virus scanning of Web content delivered over HTTP and FTP.

## Product Features

The SG400 combines patent-pending software with robust hardware to deliver a cost effective solution for regional and branch offices. As a true appliance, the SG400 Series is easy to install and administer, and is supported by a world-class service organization.

### Key Software Features

**Policy Processing Engine** – Patent-pending system enables sophisticated security policies based on individual users, groups of users, time of day, location, protocol, user agent, content type and other attributes.

**Visual Policy Manager** – Browser-based software application with an intuitive, graphical user interface for defining and managing security policies across distributed appliances.

**Comprehensive Authentication** – Supports proxied and transparent user authentication to multiple, diverse back-end authentication directories. Support includes RADIUS, LDAP and NTLM. Network level authentication enables identification of users based on IP address, subnet, or other network identifier.

**Comprehensive Logging and Reporting** – Provides complete visibility and reporting to network and security administrators detailing information and all events managed and monitored by the SG400.

**Browser Identification** – Apply corporate usage policies based on browser and media player version to reduce risk associated with employees using versions with known security flaws.

**MIME Type Filtering** – Allows organizations to implement policies for both uploaded and downloaded content by MIME type.

**Streaming Bandwidth Control** – Allows organizations to implement powerful content delivery networks (CDN) or simply define user or site limits for the total amount of network capacity available for streaming media. Multimedia supported includes Real Networks, Microsoft Windows Media, Apple QuickTime, MP3 and Flash.

**Content Transformation** – Limit or strip and replace what information is available in content headers so that information about the corporate network isn't available on the Internet.

**Configuration Management** – Both graphical user and command line interfaces for managing, configuring, monitoring and upgrading Blue Coat appliances remotely.

**Blue Coat Director** – Optional component enables secure centralized configuration and policy management for all Blue Coat security appliances within an organization.

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The Web Security Authority.™

### Key Platform Features

- Self healing, automatic restart enables the SG400 to reboot itself in less than 10 seconds
- Simple-to-manage appliance installs in a 19" rack or as a desktop device
- Configuration restoration allows system configuration to be archived, including all system settings, filtering and policies
- Optional SSL accelerator card available
- Field Serviceable and Upgradeable

### Configuration & Specification Chart

	Model 400-0	Model 400-1
<b>System</b>		
Disk drives	1 x 40 GB IDE ATA-100	2 x 40 GB IDE ATA-100
RAM	256 MB	512 MB
Network Interfaces	(2 on board) 10/100 Base-T ethernet	(2 on board) 10/100 Base-T ethernet
<b>Operating System</b>		
Security Gateway OS		
<b>Operating Environment</b>		
Power	AC power 100-240V, 50-60Hz, 2A	
Temperature	5°C to 35°C (41°F to 95°F)	
Humidity	Less than 90% relative humidity, non-condensing	
Altitude	Up to 3048 M (10,000 ft)	
<b>Dimensions and Weight</b>		
Enclosure	19" Rack-mountable	
Height	43.7 mm (1.72 in); 1 rack unit	
Width	443 mm (17.4 in)	
Depth	350 mm (13.75 in); mounting depth	
Weight (maximum)	7.1 kg (15.6 lb)	
<b>Regulations</b>		
Emissions	FCC Class A, EN55022 Class A	
Safety	CSA C22.2 No. 950 M95, UL 1950 3 Edition, EN60950	
<b>Support</b>		
Standard warranty: 90-day software & phone support with 1-year hardware support; extended and upgraded support plans available		